

Title (en)
Control valve for a hydraulic elevator.

Title (de)
Steuerventil für Hydraulikaufzug.

Title (fr)
Vanne automatique pour ascenseur hydraulique.

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Application
EP 90123335 A 19901205

Priority
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Abstract (en)
Control valve for a hydraulic elevator, provided with a speed regulating plug (2) moving with the flow of the hydraulic fluid, the position of the speed regulating plug determining the flow of hydraulic fluid into the actuating cylinder of the elevator, and a hydraulic channel system (1) forming an essentially closed loop. A problem with hydraulic elevators, in situations when the elevator is approaching a landing, is the difficulty of achieving a constant deceleration regardless of variations in the temperature of the hydraulic fluid. The invention solves this problem in that the hydraulic channel system (1) is provided with a flow resistance component (9) placed near either end of the speed regulating plug, the setting of said component being varied on the basis of the temperature of the hydraulic fluid. <IMAGE>

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EP 0433770 A2 19910626; EP 0433770 A3 19920115; EP 0433770 B1 19950308; AT E119497 T1 19950315; AU 638079 B2 19930617; AU 6810790 A 19910627; BR 9006432 A 19910924; CA 2032439 C 19950404; DE 433770 T1 19911128; DE 69017616 D1 19950413; DE 69017616 T2 19950831; DK 0433770 T3 19950529; ES 2070255 T3 19950601; FI 87918 B 19921130; FI 87918 C 19930310; FI 896103 A0 19891219; FI 896103 A 19910620; JP H03195685 A 19910827; JP H0717335 B2 19950301; US 5046586 A 19910910

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